

Glycogen Synthase 1 (phospho Ser645) Polyclonal Antibody

Catalog # AP67565

Product Information

| | |
|--------------------------|------------------------|
| Application | WB, IHC-P, IF, ICC, E |
| Primary Accession | P13807 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 83786 |

Additional Information

| | |
|---------------------------|---|
| Gene ID | 2997 |
| Other Names | GYS1; GYS; Glycogen [starch] synthase; muscle |
| Dilution | WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A |
| Format | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| Storage Conditions | -20°C |

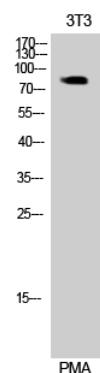
Protein Information

| | |
|------------------------|---|
| Name | GYS1 (HGNC:4706) |
| Synonyms | GYS |
| Function | Glycogen synthase participates in the glycogen biosynthetic process along with glycogenin and glycogen branching enzyme. Extends the primer composed of a few glucose units formed by glycogenin by adding new glucose units to it. In this context, glycogen synthase transfers the glycosyl residue from UDP-Glc to the non-reducing end of alpha-1,4-glucan. |
| Tissue Location | Expressed in skeletal muscle and most other cell types where glycogen is present. |

Background

Transfers the glycosyl residue from UDP-Glc to the non-reducing end of alpha-1,4-glucan.

Images



Western Blot analysis of 293 cells using
Phospho-Glycogen Synthase 1 (S645) Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.